

HISTORY 105S.06-- FALL 2003

THE USE AND ABUSE OF EVOLUTIONARY THEORY

I. Instructor

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Office hours:
Before and after class; by appointment

II. Texts

Philip Appleman, ed., Darwin (3rd ed., N. Y: WW Norton, 2001).

Peter J. Bowler, Evolution: The History of an Idea (3rd ed., Berkeley: U. California Press, 2003).

Stephen Jay Gould, The Mismeasure of Man (NY: WW Norton, 1981; rev 1996).

Edward Larson, Summer for the Gods: The Scopes Trial and America's Continuing Debate over Science and Religion (Cambridge: Harvard University Press, 1998).

Diane Paul, Controlling Human Heredity: 1865 to the Present (Atlantic Highlands, N.J.: Humanity Books, 1999)

All texts have been ordered at The Regulator Bookshop on Ninth Street and are also on reserve in Lilly Library. Some readings are on electronic reserve, indicated by (ER).

III. Assignments

1. Class participation
2. Final examination
3. 6 two page papers

Syllabus

8/26 Introduction

8/28 The Importance of Creation Myths

Reading: Eliade, Myth and Reality, pp. 1-53 (ER).

9/2 The Christian Creation Myth

Reading: Genesis, books 1-12 (ER)

9/4 The Pre-Evolutionary Worldview

Reading: Bowler, Evolution, pp. 1-47.

9/9 Evolution in the Enlightenment

Reading: Bowler, Evolution, pp. 48-95; Appleman, *Darwin*, pp. 44-49.

9/11 Biology and Geology, 1800-1859

Reading: Bowler, Evolution, pp. 96-140; Appleman, Darwin, pp. 39-44, 49-52.

9/16 Development of Darwin's Theory

Reading: Bowler, Evolution, pp. 141-176.

9/18 No class

9/23 Darwin's Origin of Species

Reading: Appleman, Darwin, 95-174.

9/25 The Reception of Darwin's Theory

Reading: Appleman, Darwin, pp. 265-288; Bowler, Evolution, pp. 177-223.

9/30 Evolution, Society and Culture, 1875-1925

Reading: Appleman, Darwin, pp. 396-398; Bowler, Evolution, pp. 274-324.

10/2 Origins of Anthropology

Reading: Stephen Jay Gould, The Mismeasure of Man, pp. 51-175.

10/7 Eugenics, part 1

Reading: Paul, Controlling Human Heredity, pp. 1-49.

10/9 Eugenics, part 2

Reading: Paul, Controlling Human Heredity, pp. 50-114; Henry Goddard, The Kallikak Family, pp. 13-29, 36-37, 50-55, 116-117 (ER).

10/14 Fall break

10/16 Modern Human Genetics

Reading: Bowler, Evolution, pp. 260-273; Kevles, In the Name of Eugenics, pp. 291-301 (ER); Paul, Controlling Human Heredity, pp. 115-135.

10/19 Pizza party and movie, Inherit the Wind (Sunday night; place and time tba)

10/21 The Scopes “Monkey Trial,” part 1

Reading: Larson, Summer of the Gods, pp. 16-83.

10/23 The Scopes Trial, part 2

Reading: Larson, Summer for the Gods, pp. 87-101, skim 102-146, 147-193; Appleman, Darwin, pp. 542-549.

10/28 The Scopes Trial, part 3.

Reading: Larson, Summer for the Gods, pp. 197-266.

10/30 The IQ Debate Begins

Reading: Gould, Mismeasure, pp. 176-263. (skim 188-204, recaps Goddard)

11/4 The Modern Synthesis

Reading: Appleman, Darwin, pp. 450-480; Bowler, Evolution, pp. 325-346.

11/6 Sociobiology

Readings: Pierre van den Berghe, "Human Inbreeding," Behavioral and Brain Sciences 6 (1983): 91-101 (ER); Appleman, Darwin, pp. 409-414; Bowler, Evolution, pp. 347-361.

11/11 Sociobiology Attacked

Readings: Appleman, Darwin, pp. 415-419; Michael Ruse, "Are There Gay Genes?" J of Homosexuality 6 (1981 (4)): 5-34 (ER); Bowler, Evolution, pp. 361-366.

11/13 Darwin and Gender

Readings: Appleman, Darwin, pp. 230-236 (top two lines), 426-449

11/18 "Scientific Creationism"

Readings: Michael Ruse, Darwinism Defended, pp. 285-329 (ER); Appleman, Darwin, pp. 555-576.

11/20 "Scientific Creationism"

Readings: Appleman, Darwin, pp. 534-541, 613-630.

11/25 The Modern IQ Debate

Readings: Richard Herrnstein, "IQ," in Russell Jacoby and Naomi Glauberman, eds., The Bell Curve Debate (New York: Random House, 1995), pp. 599-616; Arthur Jensen, "The Differences Are Real," in *ibid.*, pp. 617-629; Richard Herrnstein and Charles Murray, The Bell Curve, (New York: The Free Press, 1994), pp. 1-24 (all ER).

11/27 Thanksgiving

12/2 Modern IQ Debate, concluded.

Reading: Gould, Mismeasure, 367-390.

12/4 Overview and course evaluations.